-140 136 132 132 130 Bravo (Ch. 48) Mon. Nov. 24 7:00 PM 120 CBS (Ch. 11) Mon. Nov. 26 9:00 PM **play** #263 Television Program Schedule Week of Nov. 24,, 2993 Video Paper The West Wing 134 record #799 record Software (e.g., Speech Recognition, OCR, Processing Logic Including Video Paper User Interaction And Control Hardware Including Network Interface, DVD, SD, (e.g., Infrared, 802.11, Bluetooth, etc.) Audio And Video Content Recognition Generation, Print Driver Interface Digital Media Storage And Output, Control Software For Radio Or TV 108 (e.g., Cable TV Set Top Box) Radio or TV Receiver Conventional Printer Receiver etc. 106. 114 112, 103 102

REPLACEMENT SHEET Serial No.: 10/814,702 Title: Printer With Radio Or Television Program Extraction

Intel Printed Workshop of Televi And Formatting Inventors: Jonathan J. Hull, et al. Attv. Docket No.: 20412-08440 Sheet 1 of 13

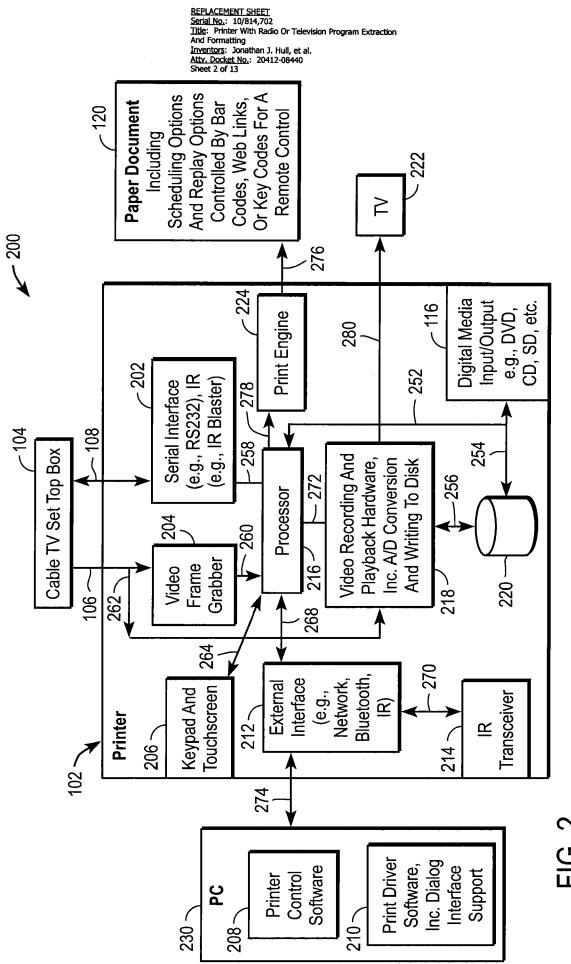


FIG. 2

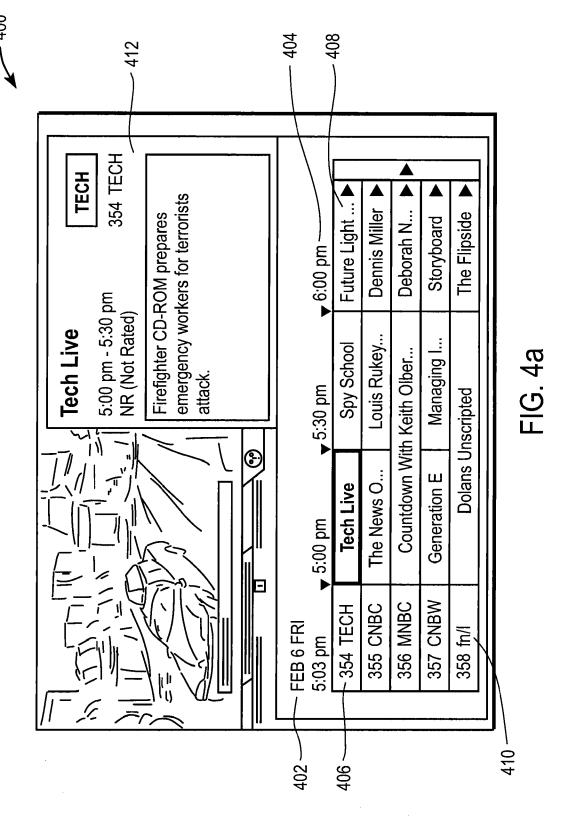
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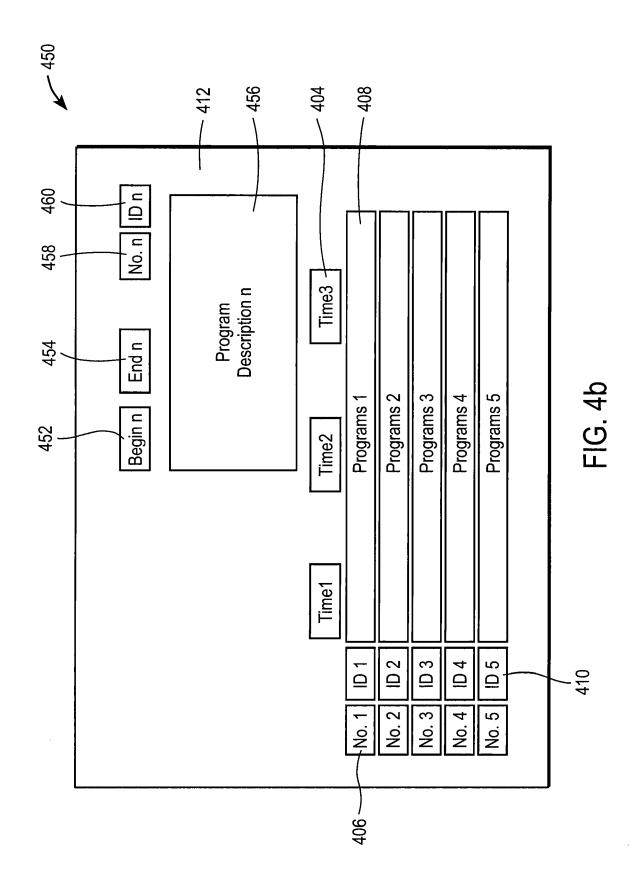
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               <SCHEDULE - FORWARD>#45</SCHEDULE - FORWARD>
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      </ COMMAND - SYNTAX>
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               <SCHEDULE - CHANNEL>
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                   <NO N><X>500</X><Y>60</Y><WIDE>40</WIDE><HI>20</HI></NO N>
                   <ID_N><X>540</X><Y>60</Y><WIDE>40</WIDE><HI>20</HI></ID N>
                   <PROG DESC><X>320</X><Y>100></Y><WIDE>280</WIDE><HI>80</HI></PROG DESC>
                   <TIME1><X>150</X><Y>200</Y><WIDE>80</WIDE><HI>20</HI></TIME1>
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      </LAYOUT - DESCRIPTION>
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FIG. 3

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					500
406 (410 〈	452 (454 (408 (502 (
Channel	Ď	Begin Time	End Time	Title	Description
354	TECH	5:00 pm	5:30 pm	Tech Live	Firefighter CD
354	TECH	5:30 pm	6:00 pm	Spy School	•••
354	TECH	6:00 pm	7:00 pm	Future Light	•••
355	CNBC	5:00 pm	5:30 pm	The News	
355	CNBC	5:30 pm	6:00 pm	Louis Rukeyser	•••
355	CNBC	6:00 pm	7:00 pm	Dennis Miller	•••
356	MNBC	5:00 pm	6:00 pm	Countdown with Keith	
356	MNBC	6:00 pm	7:00 pm	Deborah Norville	•••
357	CNBW	5:00 pm	5:30 pm	Generation E	•••
357	CNBW	5:30 pm	6:00 pm	Managing I	
357	CNBW	6:00 pm	6:30 pm	Storyboard	
358	fn/l	5:00 pm	6:00 pm	Dolans Unscripted	
358	fn/l	6:00 pm	7:00 pm	The Flipside	

FIG. 5

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Update Schedule Command

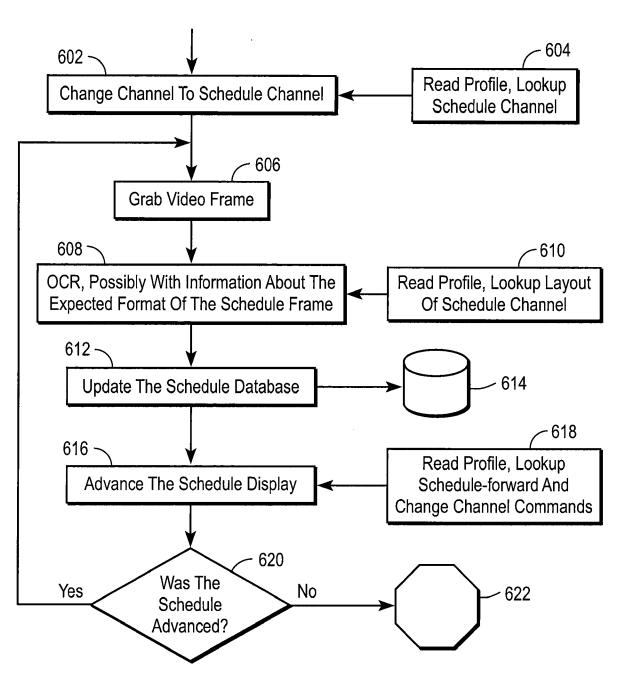


FIG. 6

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Update The Schedule Database Command

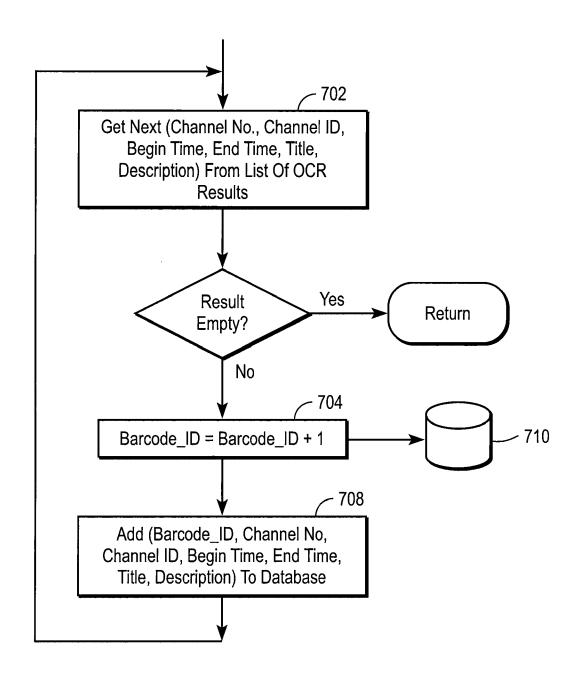


FIG. 7

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Advance The Schedule Display Command

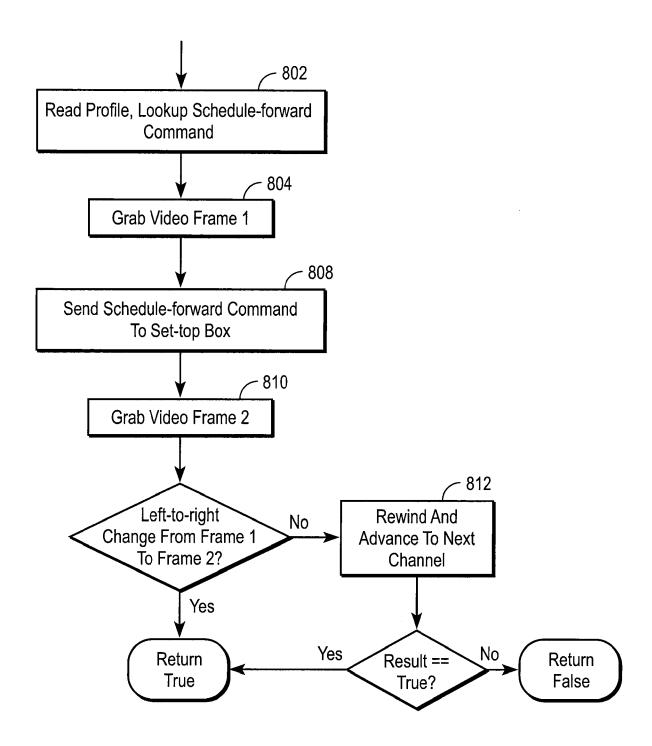


FIG. 8

REPLACEMENT SHEET

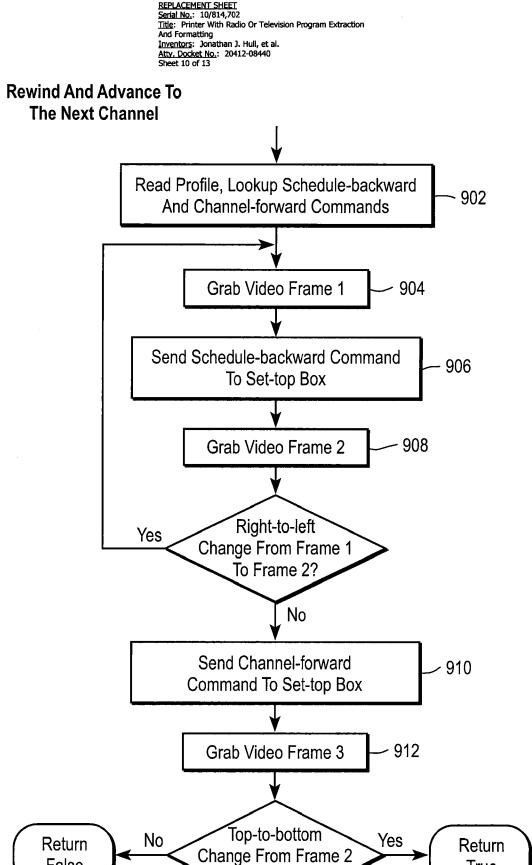


FIG. 9

To Frame 3?

True

False

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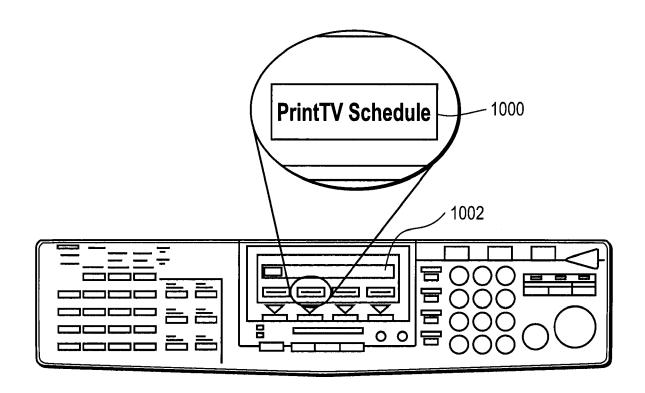


FIG. 10

REPLACEMENT SHEET
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Title: Printer With Radio Or Television Program Extraction Interiors: Jonathan J. Hull, et al. Atty. Docket No.: 20412-08440 Sheet 12 of 13 **Print Schedule Command** Read Today's Date And Current 1102 Time From The System Clock Read SCHEDULE-RECORD And Profile (See Fig. 3 1104 PLAY Codes From The BARCODE-For An Example) COMMANDS Section 1108 Retrieve All (Barcode_ID, Channel No, Channel ID, Begin Time, Title, Description) Tuples For Programs 1106 -Scheduled Today That Are Currently Playing Or Will Start Later On Schedule **Database** For Each Channel No In The Tuple List - 1110 Yes Finished? Return No 1112 Page Header = Channel No And Channel ID For each (Barcode_ID, Begin Time, End Time, Title, Description) 1114 Yes Finished? No Generate Barcode With SCHEDULE RECORD And 1116 PLAY Codes Added To Barcode ID Print Line Showing Begin_Time, End Time, Title, Description, And 1118 Bar Codes That Schedule A Program To Be Recorded And Play A Previously Recorded Version Of The Corresponding Program

FIG. 11

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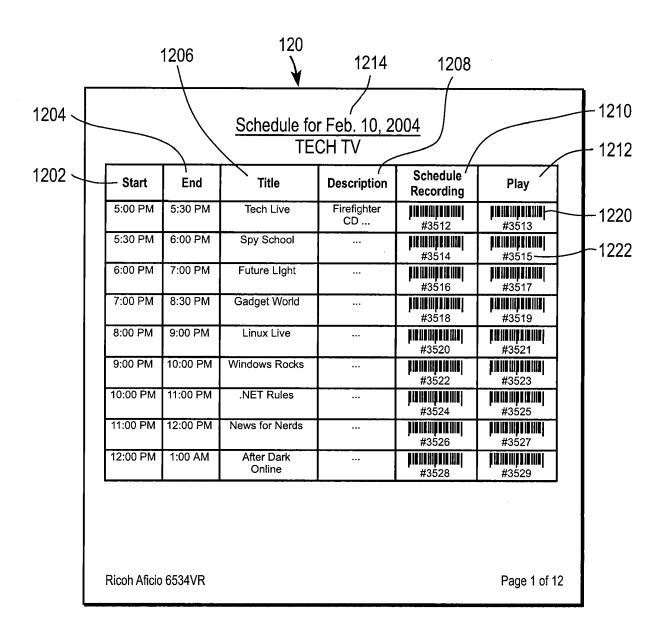


FIG. 12